

ABSTRACT OF THE DISCLOSURE

A universal fluid exchange device includes upper and lower reaction vessel supports which include pressure sealed injection and evacuation ports for each supported reaction vessel.

- 5 Reaction vessels matingly engage through the injection and evacuation ports with fittings which are connected through flexible tubing to respective supplying and receiving vessels. The reaction vessels or fittings are moved into position, as required, so that reactants may be directly supplied from
- 10 supplying vessels in the order and amount desired without operation of valves that can become contaminated, and so that the reaction vessels may dispel their contents into the appropriate receiving vessels. The system may be highly advantageous in applications such as combinatorial chemistry
- 15 where myriad combinations of chemicals, solvents and reagents are employed.

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